

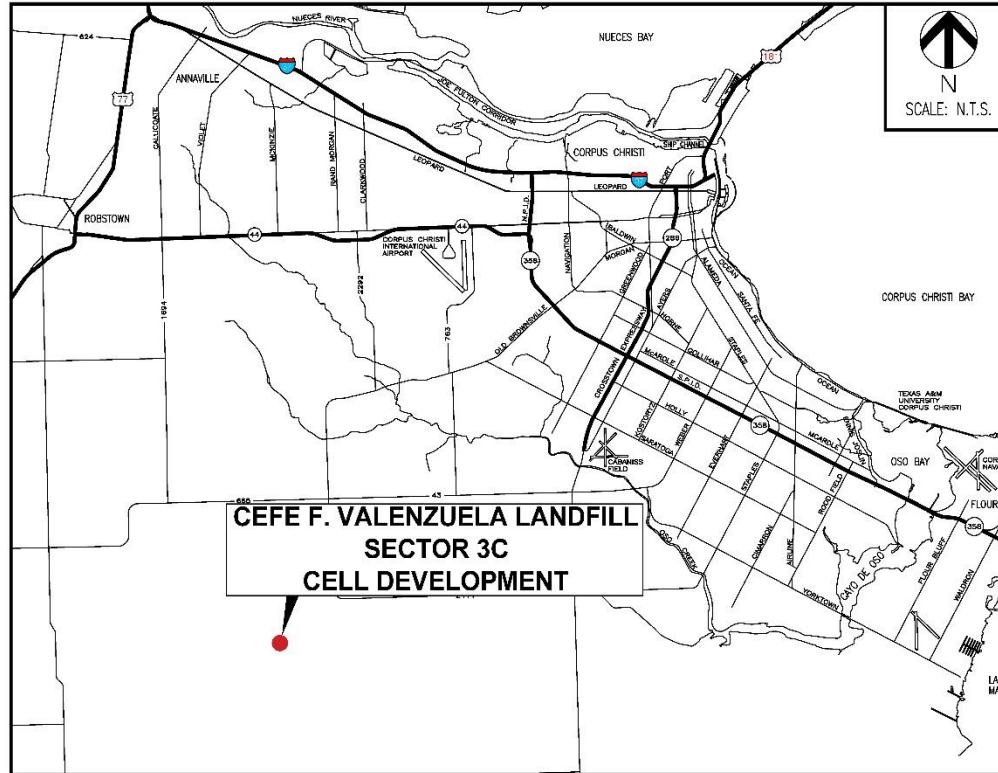
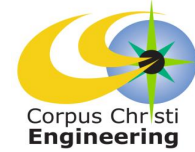
Cefe F. Valenzuela Landfill Sector 3C Cell Development



Council Presentation
April 10, 2018

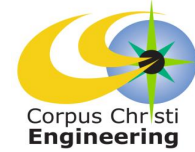


Project Location



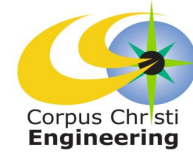


Project Vicinity





Project Scope

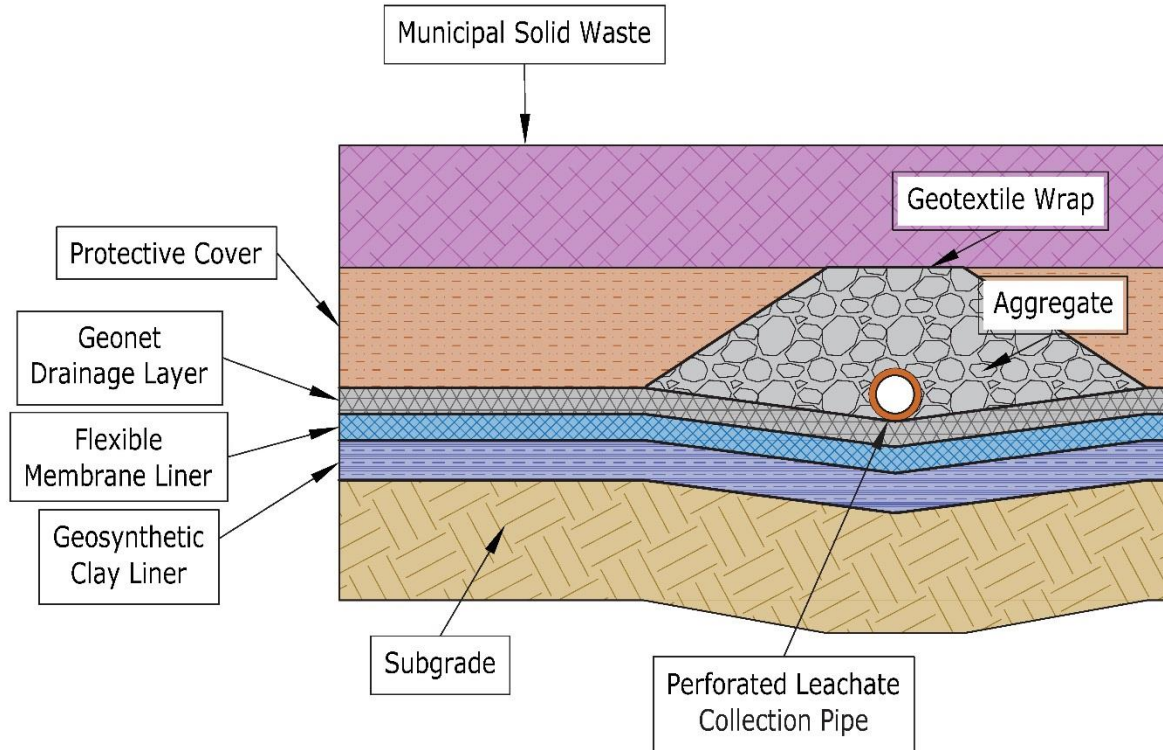
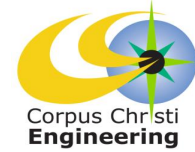


Two-phased construction project for the 31.2-acre expansion (Cell 3C) at Cefe F. Valenzuela Landfill. The following is a summary of the construction activities:

- Phase 1 – Accelerated construction schedule for 15.8 acres to allow partial cell utilization and minimize temporary overfill costs
- Phase 2 – Remaining 15.4 acres
- Construction elements:
 - ✓ Site clearing excavation, subgrade preparation, compaction, and dewatering
 - ✓ New Geosynthetic Clay Liner with Flexible Membrane Liner and Geonet Leachate Drainage Layer
 - ✓ New leachate system piping, pumps and associated electrical services
 - ✓ New wire fabric litter containment fence
 - ✓ Site improvements to the perimeter road and underground drainage
- ❖ Temporary overfill costs are estimated at \$10/CY with estimated quantities of 75,000 CY per month (temporary storage above permitted levels until relocation into new cell)

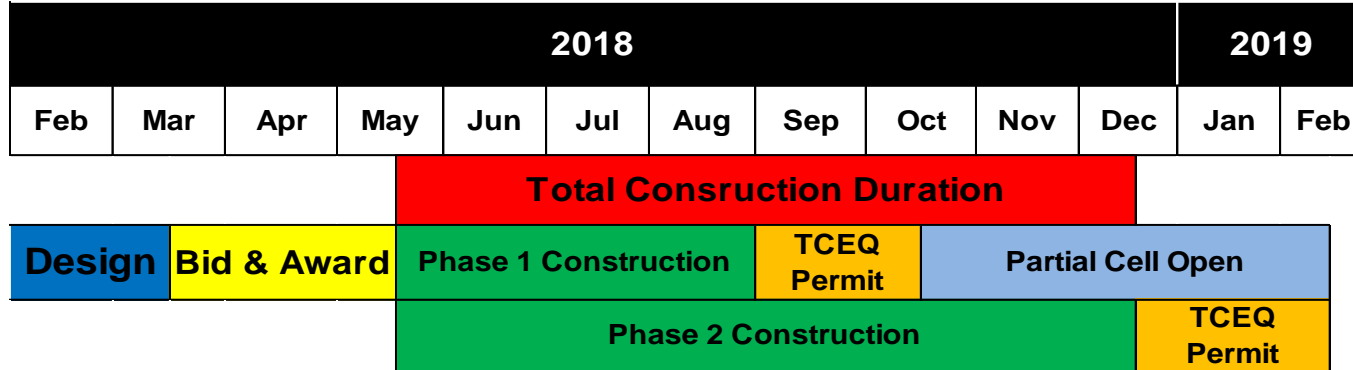
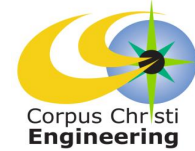


Liner System Cross-Section





Project Schedule



Phase 1: 100 Calendar Days

Phase 2: 240 Calendar Days

Total Construction Duration: 240 Calendar Days